

## NEET2025 BIOLOGY NOTES

**Cell** - The Fundamental, Structural, and Functional Unit of Life

## Subject: Botany

Fundamental, Structural and functional unit of all living organisms



→ Cell type	Feature, Size, Shape	
Mycoplasma ———	Smallest cell; 0.3 to 0.34 m	
Bacteria	3 to 5 4m	
Ostrich Egg —	- Largest isolated single cell	
Human Erythrocyte ———	About 7.0 4m in diameter, Round and Biconcave disc shap	ed
Nerve cell / Neuron	Longest cells in humans; Long and Branched	

 $\rightarrow$  An overview of cell



















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